

10/2/2005

INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR03/01658**A. CLASSIFICATION OF SUBJECT MATTER****IPC7 H01L 29/78, H01L 31/10**

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 H01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean patents applications for inventions since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|---|-----------------------|
| D, A | US 6043508 A (RADOS TECHNOLOGY OY) 28 MAY 2000 see the whole documents | 1-16 |
| A | US 3863070 (ROBERT H. WHEELER, RICHARD W. RALSTON) 28 JANUARY 1975 see the whole documents | 1-16 |
| A | KR 98-64498 A (HITACHI LTD) 7 OCTOBER 1998 see the whole documents | 1-16 |
| A | JP 2002-176167 A2 (NIPPON TELEGRAPH & TELEPHONE) 21 JUNE 2002 see the whole documents | 1-16 |
| A | JP 55-128884 A2 (HITACHI LTD) 6 OCTOBER 1980 see the whole documents | 1-16 |

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

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Date of the actual completion of the international search

24 NOVEMBER 2003 (24.11.2003)

Date of mailing of the international search report

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Name and mailing address of the ISA/KR

Korean Intellectual Property Office
920 Dunsan-dong, Seo-gu, Daejeon 302-701,
Republic of Korea

Facsimile No. 82-42-472-7140

Authorized officer

KIM, Dong Yup

Telephone No. 82-42-481-5749



INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/KR03/01658

| Patent document cited in search report | Publication date | Patent family member(s) | Publication date |
|---|---------------------|---|--|
| US 6043508 A | 28.03.2000 | AU 6227196 A CA 2225226 A1 CN 1189922 A EP 0842545 A1 JP 11509366 T RU 2161348 C2 US 6043508 A WO 9702609 A1 | 05.02.1997 23.01.1997 05.08.1998 20.05.1998 17.08.1999 27.12.2000 28.03.2000 23.01.1997 |
| US 3863070 | 28.01.1975 | NONE | |
| KR 98-64498 A | 07.10.1998 | SG 74035 A1 TW 437004 B US 6194763 BA US 6060750 A CN 1186346 A JP 10242477 A2 | 18.07.2000 28.05.2001 27.02.2001 09.05.2000 01.07.1998 11.09.1998 |
| JP 2002-176167 A2 | 21.06.2002 | NONE | |
| JP 55-128884 A2 | 06.10.1980 | US 4346395 | 24.08.1982 |